

**WASTEWATER TREATMENT PLANT LEAD MECHANIC***Class Definition*

Under general supervision, provides lead direction and participates in the repair, service, and maintenance of equipment, machinery and related apparatus at the City's Wastewater Treatment Plant facilities.

*Distinguishing Characteristics*

Wastewater Treatment Plant Lead Mechanic is the leadworker class in the Wastewater Treatment Plant Mechanic series. The incumbent provides lead direction to Wastewater Treatment Plant Mechanics while participating in the repair, service, and maintenance of Wastewater Treatment Plant equipment and machinery. Wastewater Treatment Plant Lead Mechanic differs from Wastewater Treatment Plant Mechanic II, in that incumbents of the latter do not provide lead direction. This class differs from Wastewater Treatment Maintenance Supervisor in that incumbents of the latter provide first-line supervision to lower level staff and are responsible for directing all maintenance activities.

*Typical Tasks*

(The incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Provides lead direction and participates in the service, repair, and maintenance of the Wastewater Treatment Plant machinery and related equipment, including large, multi-fuel internal combustion engines.

Provides lead direction and participates in the maintenance duties associated with the cleanliness of equipment and adjacent areas.

Trains and instructs subordinate employees in the performance of their duties and ensures compliance with safety procedures.

Maintains service and preventive maintenance records on equipment and machinery; maintains other pertinent information.

Maintains and repairs a variety of equipment, machinery, and control systems in the treatment plants to ensure efficient plant operation; overhauls pumps and other equipment; and services equipment and machinery.

Maintains an adequate inventory of spare parts and tools necessary to perform the work.

Establishes procedures for installation and removal of equipment and machinery.

Performs related duties as required.

*Knowledge, Abilities and Skills*

Considerable knowledge of the practices, methods, tools and materials of the mechanical, electrical, and welding trades.

Considerable knowledge of the operation of pumps, motors, and related Wastewater Treatment Plant equipment and machinery.

Considerable knowledge of occupational and safety hazards.

Ability to develop and implement safety precautions.

Ability to plan, direct, and train staff engaged in the repair, service, and preventive maintenance of equipment and machinery used at the Wastewater Treatment Plant.

Ability to diagnose and correct operating malfunctions in mechanical and electrical equipment and systems, including multi-fuel internal combustion engines.

Ability to work from sketches, blueprints, and/or complex oral instructions.

Skill in the use of tools and equipment of the mechanical, electrical, and welding trades.

*Minimum Qualifications*

Two years of experience equivalent to that gained as a Wastewater Treatment Plant Mechanic II in the City service.

*Necessary Special Requirements*

Possession of a valid California Driver's License at time of appointment.

Valid California Water Pollution Control Association Mechanical Technologist Grade III classification is desirable.

APPROVED: \_\_\_\_\_  
Director of Personnel

DATE: \_\_\_\_\_

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